



Public Workshop on Lead-acid Batteries and Alternatives

Date & Time: Monday, November 6, 2017
9:00 am – 4:00 pm Pacific Time

Location: CalEPA Headquarters
Klamath Room
1001 I Street, Sacramento, CA 95814

AGENDA

Time	Topic	Presenter
9:00 am	Introduction	Phil McPhaul , DTSC Public Participation Specialist
9:05 am	Welcome	Barbara Lee , DTSC Director
9:10 am	DTSC Safer Consumer Products framework and the regulatory landscape for batteries	Meredith Williams, PhD , DTSC Deputy Director
9:30 am	“Batteries 101,” overview of battery technologies, markets, and recycling	Robert Spotnitz, PhD , Founder and President, Battery Design LLC
10:00 am	Lead-acid battery overview and advanced research pilots	Mark Thorsby , Executive Vice-President, Battery Council International Adam Muellerweiss , Executive Director, Sustainability, Industry and Government Affairs, Johnson Controls Power Solutions Timothy Ellis, PhD , President, RSR Technologies Inc.; Chair, Advanced Lead Acid Battery Consortium
10:45 am	Automobile design and manufacturing with lead-acid batteries	Stacy Tatman , Director of Environmental Affairs, Alliance of Automobile Manufacturers Amandine Muskus, PhD , Manager, Environment and Energy Affairs, Global Automakers

Time	Topic	Presenter
11:15 am	Lead-acid battery recycling/smelting	Carl Raycroft , Vice President of EH&S Compliance, RSR Corporation (Quemetco is a subsidiary) Ana Margarita Garza , Director of Legal, Environmental and Corporate Affairs Latin America, Johnson Controls
11:45 am	Clarifying questions from the public	Facilitator: Phil McPhaul
12:00 pm	Lunch break	
1:00 pm	Future challenges in battery recycling	Perry Gottesfeld , Executive Director, Occupational Knowledge International
1:30 pm	Lessons from recycling multiple types of batteries	Todd Coy , Executive Vice President, Kinsbursky Brothers, Inc.
2:00 pm	Break	
2:15 pm	Lithium-iron-phosphate and other alternative batteries in vehicles	Menahem Anderman, PhD , Founder and President, Total Battery Consulting, Inc.
2:45 pm	Automobile design and manufacturing with alternative batteries	Jerome Gregeois , Sr. Manager, Powertrain Evaluation and Eco Vehicles, Hyundai Kia America Technical Center, Inc.
3:15 pm	Panel discussion and public comments	Facilitator: Phil McPhaul
3:40 pm	Concluding remarks	Meredith Williams, PhD , DTSC Deputy Director
4:00 pm	Workshop adjourned	